

Energy Advisory Committee

February 18, 2003

Energy Savings in Public Facilities

John Clark and Kate Billing

TOTAL PUBLIC FACILITY ENERGY SAVINGS				
	Savings Over All Project Lives	Total SCEO Investment (All Projects)	Project Savings Through FY '02	Projected Savings for FY '03
State Government	\$18,674,353	\$2,469,030	\$4,528,609	\$861,460
School Districts	\$14,964,351	\$4,540,095	\$1,578,961	\$621,914
Local Governments	\$2,895,670	\$570,865	\$763,148	\$141,394
TOTALS	\$36,534,374	\$7,579,990	\$6,870,718	\$1,624,768

Santee Cooper's Use of Ethanol and Biodiesel

David Vanosdoll, Santee Cooper

Update on Alternative Fuels

Tricia Tangney

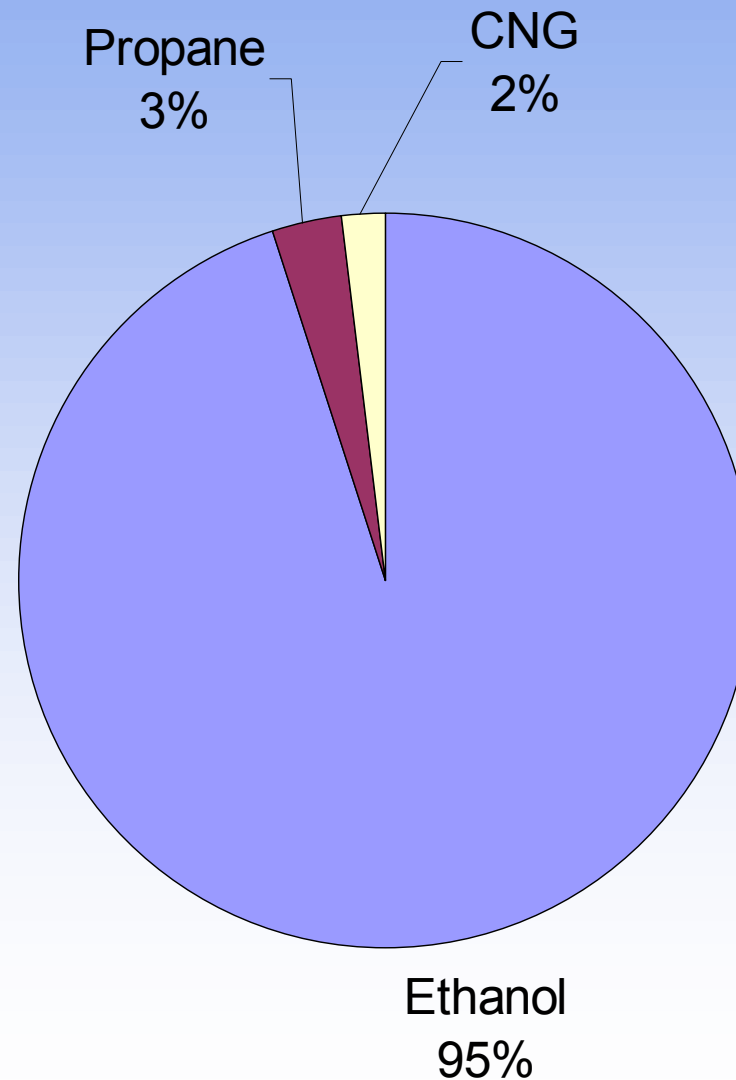
Update On Alternative Fuels

- Vehicles
- Infrastructure

Vehicles

- Completion of Government Fleet Survey:
“Future Development Options: South Carolina’s Alternative Fuel Infrastructure”
<http://www.state.sc.us/energy/PDFs/AFV-survey.pdf>
- Identified state, local and federal fleet alternative fuel vehicles in state by type and location
- Identified current infrastructure to support those vehicles

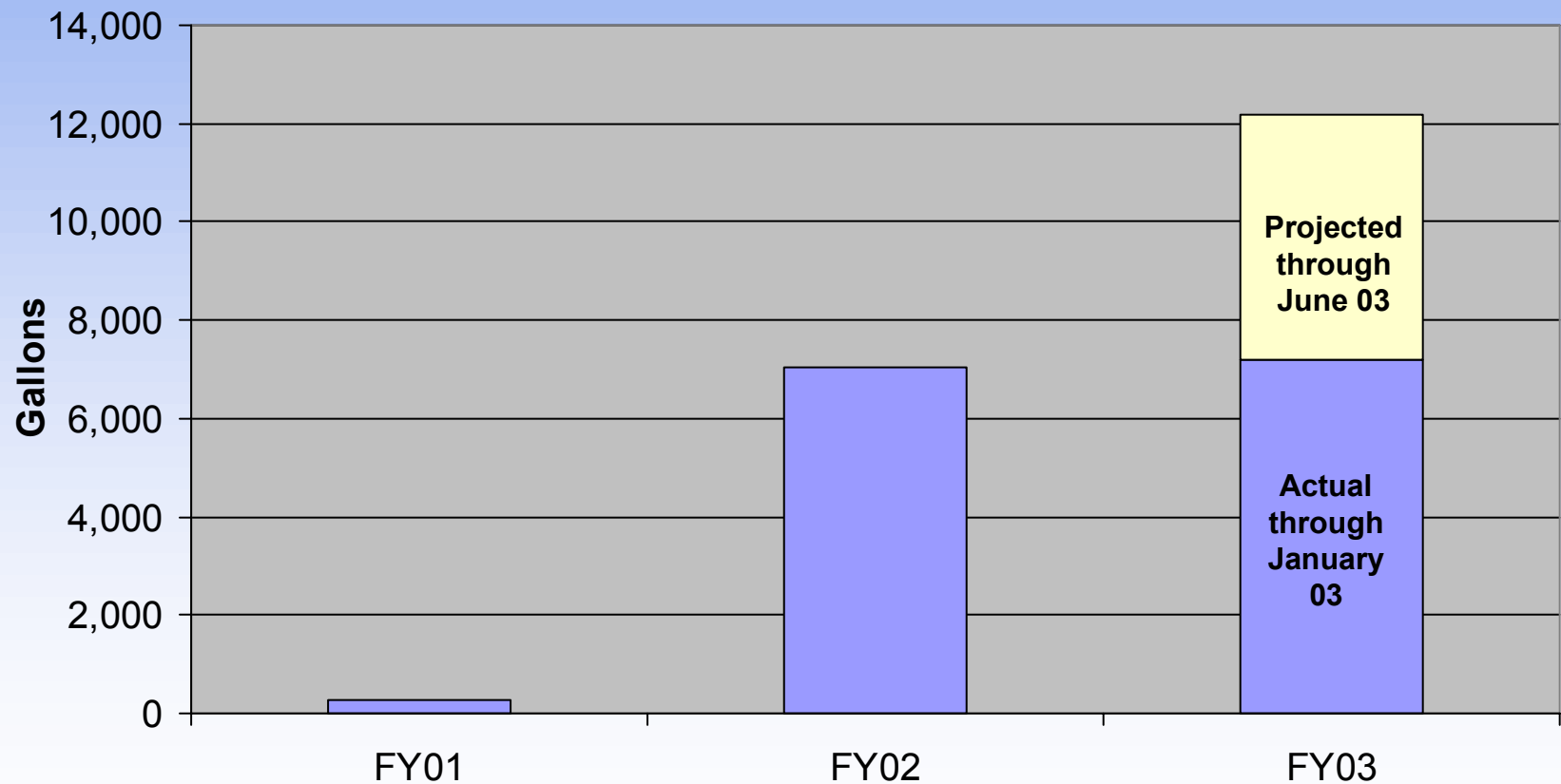
AFVs in Government Fleets



Infrastructure

- DHEC ethanol refueling facility
- Flora Street CNG facility
- Future opportunities:
 - Biodiesel at CMRTA and USC
 - Increasing propane in the state fleet
 - Biodiesel production facility in Estill, SC

Alternative Fuel Use in State Fleet



State Energy Program 2003 Special Project Solicitations

Mitch Perkins

Project Solicitations

Proposals Due May 5

- Clean Cities
- Industries of the Future
- Building Codes and Standards

Project Solicitations

Proposals Due May 7

- Rebuild America
- Building America
- Federal Energy Management Program
- Solar Technology Program
- State Wind Energy Support
- Distributed Energy and Electric Reliability
 - Transmission Reliability, Energy Storage, and Interconnection



Project Solicitations

Proposals Due May 9

- Distributed Energy and Electric Reliability
 - Regional Combined Cooling Heating and Power Applications Applications Center
- Distributed Energy and Electric Reliability
 - High Temperature Superconductivity, State Outreach Centers
- Geothermal Outreach
- Biomass
- Residential Deployment
- Fuel Cell Demonstration & Coordinated Public Education Activities



Financing Program Updates

Janet Lockhart and Karen Hudson

Program Updates

- School Efficiency Grant Awards
- Loan Portfolio Status
- Loan Fund Information

Energy Office Announcements

John Clark and Renee Daggerhart

Announcements

- Earth Day 2003 show
 - *Earth Today*
 - April 1, 2003
 - Broadcast nationally on PBS

Announcements

- Publication Updates

- new SCEO brochure
- *The Energy Connection*
- revising *Energy Factbook* and *Action for a Cleaner Tomorrow* lessons to include new chapters on alternative fuels and radioactive waste disposal

Since 1994, 18,000 teachers have been trained to use the *Action for a Cleaner Tomorrow* curriculum supplement

South Carolina Energy Office